

1 TTT TGA NAT GAA TTC CTT TGG GAA TTT CGT GAC ACT ATA GAA GGT AGC CCT GCA GGT ACC 60
61 GGT CCG GAA TTC CCG GGT CGA CCC ACG CGT CCG GCC GGA CTA ACC AGC TCC TCC AGG CGC 120
121 TGG GGG CGG GTG TGG CAG GAG GAA GCC CGA TCA GCC CCA GGC TGT GGA TGT GGG AGA AGG 180
181 GCG AGC TCA GGG GGC CAT CAT GGG GTT CCC CCA GAG GCA ACC TGG CCT ATC AGG GCT GCT 240
1 M G F P Q R Q P G L S G L L 14
241 CCT CCT CGT GTG GGC ACT GGC CTG GCC CCT GGC TTG TAT GAG CTT GGA GCT GAT CCC CTA 300
15 L L V W A L A W P L P C M S L E L I P Y 34
301 CAC ACC ACA GAT AAC AGC TTG GGA CCT AGA AGG GAA GGT CAC AGC CAC CAC GTT CTC CCT 360
35 T P Q I T A W D L E G K V T A T T F S L 54
361 GGA GCA GCC TCG CTG TGT CCT GGA CGG GCT TGC CGG CGT TGC CAG CAC CAT CTG GCT GGT 420
55 E Q P R C V L D G L A G V A S T I W L V 74
421 GGT GGC CTT CAG CAA CGC CTC CAG AGA CTT CCA GAA CCC ACA GAC GCG AGC TGA GAT CCC 480
75 V A F S N A S R D F Q N P Q T R A E I P 94

FIG. 1A

481	AGC	CTT	CCC	ACG	GCT	GCT	GAC	GGA	GGG	GCA	CTA	TAT	GAC	ACT	GCC	CCT	GTC	CCT	GGA	CCA	540	
95	A	F	P	P	R	L	L	T	E	G	H	Y	M	T	L	P	L	S	L	D	Q	114
541	GCT	GCC	CTG	TCA	GGA	CCC	CGC	AGG	CGG	CGG	CAG	GGA	CGT	CCC	CTT	GCT	GCG	GGT	GGG	CAA	600	
115	L	P	C	Q	D	P	A	G	G	G	R	D	V	P	L	L	R	V	G	N	134	
601	TGA	CCC	CGG	CTG	CCT	TGC	TGA	CCT	CCT	CCA	GCC	GCC	CTA	CTG	CAA	CAG	CCC	CCT	CCC	CAG	660	
135	D	P	G	C	L	A	D	L	L	Q	P	P	Y	C	N	S	P	L	P	S	154	
661	CCC	CGG	ACC	TTA	CAG	GGT	GAA	GTT	CCT	CCT	GAT	GGA	CGC	CAG	GGG	CTC	ACC	CCA	GGC	CGA	720	
155	P	G	P	Y	R	V	K	F	L	L	M	D	A	R	G	S	P	Q	A	E	174	
721	GAC	CAG	GTG	GTC	CGA	CCC	CAT	CGC	TCT	TCA	CCA	AGG	GAA	GTC	GCC	AGC	CTC	CAT	CGA	CAC	780	
175	T	R	W	S	D	P	I	A	L	H	Q	G	K	S	P	A	S	I	D	T	194	
781	GTG	GCC	AGG	GCG	ACG	CAG	TGG	TGG	TAT	GAT	CGT	CAT	CAC	CTC	TAT	CCT	CTC	CTC	GGC	840		
195	W	P	G	R	R	S	G	G	M	I	V	I	T	S	I	L	S	S	L	A	214	
841	CAG	CCY	CCT	GCT	CCT	GGC	CTT	CCT	GGC	AGC	GTC	CAC	CSC	ACG	CTT	CTC	CAG	CCT	GTG	GTG	900	
215	S	X	L	L	L	A	F	L	A	A	S	T	X	R	F	S	S	L	W	W	234	

FIG. 1B

901 GCC GGA GGA RGC CCC GGA GCA GCT GAG AAT TGG CTC CTT CAT GGG GAA GCG CTA CAT GAC 960
 235 P E E A P E Q L R I G S F M G K R Y M T 254
 961 CCA CCA CAT CCC ACC CAG CAG CGC CAC CCT GCC CGT GGR CTG TGA GCC TGG CCT GGA 1020
 255 H I I P P S E A A T L P V X C E P G L D 274
 1021 CCC CCT CCC CAG CCT CAG CCC CTA GCC TGG CCC TTG TGG CTG GGG CGT GTG TGG CTG TGG 1080
 275 P L P S L S P * 281
 1081 CCA GTG TGG GGG CAA GGA CGT GGT AGT TAT TCC CAG CCC CTG CAC CCT CCT CAC CCC 1140
 1141 TGC CCA CAG TCC CAC TGA TGT AGG ACA GAT GTC AGG GTT CTA GAC GTC TTT GGT GCA AAA 1200
 1201 AGG GGG TTT TAT TCA AGC ACA GGG ACA GGA CCC ATG GGC AGG GAG AGC GGC ACC GGG GTG 1260
 1261 GTG AGG AGT GGC CCG TTA TAT ATA CTT TCG AGT TGG GAG GGC TTA GAG AGA GCG TAA GTC 1320
 1321 TCT AAG GAA TTT TGG AAG CAA GGT CTC CAG GGT CCT GAG GGG GCT AGC TGT TGT TAG GAA 1380
 1381 AAG GTC ATT TAT TAC TGT TTA GTA AAA ACT TTC ACG AGA AAA AAA AAA AAA AAA 1440
 1441 AAA AAA AAA AAG GGC GGC C 1462

FIG. 1C